What is claimed:

1. A method of producing a precursor material suitable for the production of mechanical objects by a forming process, comprising the steps of

introducing natural, relatively hard, solid vegetable material consisting substantially of cellulose;

combining starch;

adding a binding agent to produce a first mixture;

drying said first mixture; and

milling said dried mixture to produce a precursor powder.

2. A method according to claim **1**, wherein said first mixture is dried for between 20 to 60 minutes.

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- 3. A method according to claim 2, wherein said first mixture is dried at a temperature of between 60 to 80 degrees Celsius.
- 4. A method according to claim 1, wherein the fineness of said precursor powder varies depending upon the nature of the mechanical object.
 - 5. A method according to claim 1, wherein said binding agent is

produced by a process of polymerisation of initial components.

6. A method according to claim **5**, wherein an initial component is a lipid.

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- 7. A method according to claim 6, wherein said polymerisation is encouraged by the introduction of oxalic acid catalyst.
- 8. A method according to claim 1, wherein precursor material isformed into a mechanical object by the application of heat and pressure.
 - 9. A method according to claim 8, wherein the application of said heat and pressure is performed as a two stage procedure with a breathing period between a first application of heat and pressure and a second application of heat and pressure.
 - **10.** A first mixture suitable for the production of mechanical objects, consisting of:

solid material derived from a vegetable source of a substantially solid consistency;

starch; and

a binding agent.

- **11.** A first mixture according to claim **10**, wherein said binding agent includes a lipid compound.
- **12.** A first mixture according to claim **11**, wherein the proportions of said components are:
 - 20 to 95 per cent of said vegetable material;
 - 0.1 to 2 per cent of said starch; and
 - 0.1 to 3 per cent of said lipid compound.
- 13. A first mixture according to claim 12, also including at least one starch derivative, and/or at least one synthetic resin and/or a mixture of high molecular weight proteins.
 - 14. A first mixture according to claim 10, wherein said solid vegetable material is derived from husks, straw, food waste, starch or sawdust.
 - **15.** A first mixture according to claim **10**, wherein said starch is agricultural starch.

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16. A first mixture according to claim **11**, wherein said lipid compound is produced by a process of polymerisation.

- **17.** A precursor material derived from said first mixture produced according to claim **10** by a process of drying and milling.
- 18. A mechanical object derived from said precursor materialproduced according to claim 17 by a process involving the application of heat and pressure.